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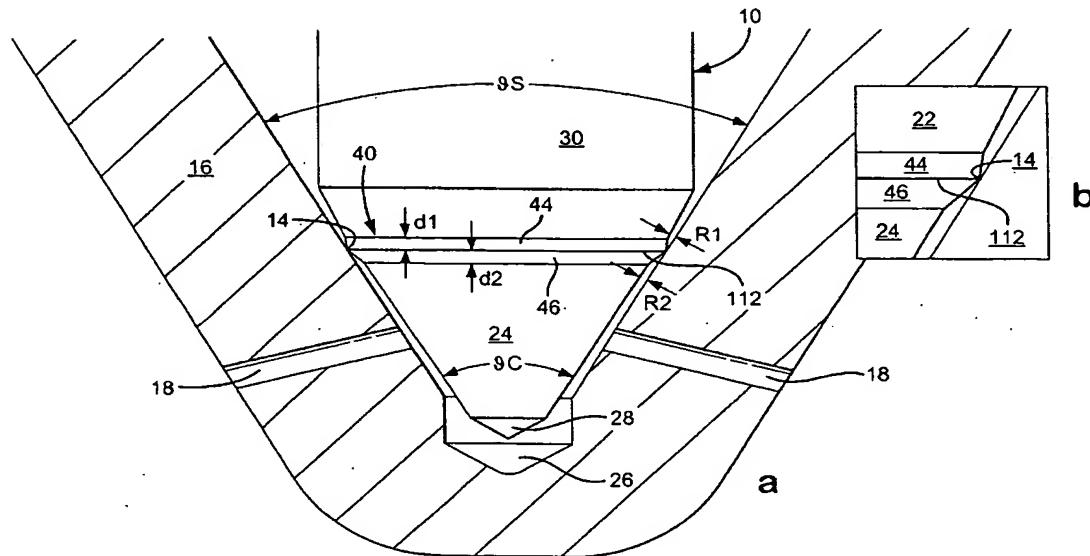
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(54) Title: INJECTION NOZZLE



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(57) Abstract: An injection nozzle for an internal combustion engine has a valve member (10) with a seating line (112) defining a seat diameter, the seating line (112) being engageable with a seating surface (14) to control fuel injection by the nozzle, in use. The seating line is defined by a protruding annular ridge (40, 44, 46), integrally formed with the valve needle (10), so as to reduce variations in the seat diameter which would otherwise arise at manufacture due to contact between the valve needle (10) and the seating surface (14) in regions other than at the seating line. The invention provides an advantage in manufacture as repeatability and consistency of the geometry, and in particular the effective seat diameter, of nozzle products is improved.



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